

Amendments to the Specification:

Please replace the paragraph beginning at page 6 line 20 with the following paragraph.

While the thermal energy required for reducing catalysts, which is varied depending on the metal to be reduced, is regulated by determining and applying a reduction temperature suited for the relevant metal in the conventional heating method, the plasma energy required for reducing catalysts, which is varied depending on the metal to be reduced, may be regulated by determining and applying a plasma generation voltage suited for the relevant metal in the present invention.